



Material Safety Data Sheet

"Regulation on Information Forms on Hazardous Substances and Mixtures
(Official Gazette on 13.12.2014 and Official Gazette on 29204) and (EU) 1272/2008

UBERLUB DOT 3

Version: 2

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1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name

Uberlub DOT 3

1.2 Relevant Identified Uses Of The Product And Uses Advised Against

Relevant Identified Uses Hydraulic brake fluid..

Uses Advised Against No data available

1.3 Details Of The Supplier Of The Safety Data Sheet

Supplier (Manufacturer) Emek Petrol Ürünleri Tic.ve San.Ltd.Şti

Address Dört Yol Sanayi Çarşısı Merkez Sanayi 22.Sk.No 45
Hanlı-Arifiye- Sakarya

Phone 0 264 275 86 49 - 0 264 276 63 61

1.4 Details Of The Manufacturer and Supplier Of The Safety Data Sheet

Supplier (Manufacturer) Emek Petrol Ürünleri Tic.ve San.Ltd.Şti

Address Dört Yol Sanayi Çarşısı Merkez Sanayi 22.Sk.No 45
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2. HAZARDS IDENTIFICATION

2.1. Classification According to Regulation

The legislation in force does not define it as a hazardous chemical for health or the environment.

2.2. Label Elements

2.2.1. Labeling According to Regulation

Product Identifier

The legislation in force does not define it as a hazardous chemical for health or the environment.

Hazard Pictograms

The legislation in force does not define it as a hazardous chemical for health or the environment.

Signal

Word The legislation in force does not define it as a hazardous chemical for health or the environment.

Hazard Statement(s)

The legislation in force does not define it as a hazardous chemical for health or the environment

Precautionary statements

P101 If medical advice is required, keep the packaging or label.

P103 Read label before use.

Supplemental Hazard Information (EU) Statements No information

2.3. Additional Information

The substance does not meet the criteria for PBT or vPvB substance. No other hazards identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Substance

The compound product

3.2 Hazardous ingredients

Chemical Name	EINECS ² NO-	Content %	CLASSIFICATION
	CAS ³ NO.		CLP
Distillates, Hydrotreated Heavy Naphthenic	265-155-0 64742-52-5	<35	Not classified as harmful under current legislation
Decene Homopolymer Hydrogenated	500-183-1 68037-01-4	<65	Not classified as harmful under current legislation

3.2.1 Additional information

No data available

3.2.2 Additional warnings:

All the explanations for damage related to the subject are given in Chapter 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

No known delayed effects. Consult a physician for all exposures except for minor instances.

4.1.2 Following inhalation

Movement of the exposed individual from the area to fresh air is recommended.

4.1.3 Following skin contact

No data available

4.1.4 Following eye contact

Flush eyes with large amounts of water, for at least 15 minutes, until irritation subsides. If irritation persists, get medical attention.

4.1.5 Following ingestion

No data available

4.2 Significant Signs and Implications of Acute and Postdose

No acute and delayed symptoms and effects are observed.

4.3 First Signs for Medical Intervention and Special Treatment Needs

No specific actions are required

Remove to fresh air and get medical attention in case of serious respiratory problems.

5. FIRE FIGHTING MEASURES

5.1 Fire extinguishers:

Suitable Extinguishing: Water fog. Carbon dioxide. Foam. Dry chemical product

Incompatible: Water jet

Other Explanations: No data available

5.2 Special hazards arising from the substance or mixture

Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus. Water may be used to cool nearby heat exposed areas/objects/packages. Avoid spraying directly into storage containers because of the danger of boil-over.

5.3 Recommendations for Fire Fighting Squads:

Fire Fighting Instructions: Use an extinguishing agent suitable for the surrounding fire.

Protective Equipment for Personnel involved in the fight against fire: No specific fire-fighting protection is required

Other Explanations: Under fire conditions, hazardous fumes will be present

5.4 Other informations

No information

6. ACCIDENTAL AGRICULTURAL PREVENTION

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Exposure controls and personal protective measures as described in section 8.

Protective Equipment	Use personal protective equipment in compliance with national legislation.
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6.1.2 For Persons Interfering in an Emergency

Protective Equipment	Wear personal protective equipment in compliance with national legislation.
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Emergency

Procedures

Avoid airborne dust generation

Other Explanation

No data available

6.2 Environmental Precautions:

No special requirements.

6.3 Methods and Materials for Conservation and Cleaning:

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.

6.4 Other Information:

Comply with local regulations.

6.5 References to Other Departments:

Information on safe handling is obtained from Chapter 7.

Information on personal protective equipment is given in section 8.

Information on liquidation is obtained from Chapter 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in section 16.

7.1.1 General Handling Recommendations:

7.1.1.1 Warnings for Safe Handling

Store at ambient conditions. Store at atmospheric pressure. Keep container tightly closed. Store in a cool, well-ventilated place. Keep away from heat, sparks, and flame. Empty containers retain product residues. Store away from incompatible materials.

7.1.1.2 Warnings Regarding Disputes of Substance or Mixtures

No information

7.1.1.3 Environment Related Alerts

Store this product in a dry location where it can be protected from the elements. Store in tightly closed, properly ventilated containers away from heat, sparks, open flame, strong oxidizers, radiations, and other initiators..

7.1.1.4 Additional Notices

No information

7.1.2 Advice on General Occupational Hygiene:

Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for Safe Storage Including Conflicts:

Technical Measures Minimize airborne dust generation and prevent wind dispersal during loading and unloading.

Storage Conditions Keep containers closed and store packaged products so as to prevent accidental bursting.

Common Storage Terms No information

7.2.1 Advice on general occupational hygiene No information

7.3 Specific End uses: If you require advice on specific uses, please contact your supplier or check the Good Practice Guide referred to in section 16.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust).

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Avoid release to the environment

8.2.2. Individual protection measures such as personal protective equipment:

8.2.2.1 Eye/face protection

Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

8.2.2.2 Skin & hands protection

No specific requirement. For hands, see below.

Hand Protection

Appropriate protection (e.g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.

8.2.2.3 Respiratory protection

In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.

8.2.2.4 Thermal hazards

The substance does not represent a thermal hazard, thus special consideration is not required.

8.2.3. Environmental exposure controls:

Avoid wind dispersal.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

9.2 Appearance

Form/Physical state	Liquid
Color	Light Yellow
Odour	Characteristic

9.3 Safety relevant basic data

Solubility in water	No data available
Vapor Density	No data available
Solubility in hydrofluoric acid	No data available
Pour point	-36
Kinematic Viscosity @ -40 °C (cSt)	1400 max
Kinematic Viscosity @ 100 °C (cSt)	1.8 min
Flash point	205

Note : The above properties are determined according to the methods prescribed in Annex-1 Part A of the Annex-I Regulation on Test Methods to be Applied in Determination of the Physico-Chemical, Toxicological and Ecotoxicological Properties of the Materials and Mixtures, or other comparable method.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Inert, not reactive

10.2 Chemical stability

Chemical stable

10.3 Hazardous Decomposition

No hazardous reactions

10.4 Conditions to Avoid: (The temperature at which hazardous reactions may occur is under the conditions to avoid such as pressure, light, shock, etc.):

Not relevant

10.5 Substances to be avoided: (Conditions relevant to water, air, acids, bases, oxidizing agents or any other special substances which may cause a hazardous reaction):

Strong oxidizing agents.

10.6 Hazardous decomposition products

Hazardous Decomposition Materials: Thermal decomposition products will vary with conditions. Incomplete combustion will generate smoke, carbon dioxide and hazardous gases, including carbon monoxide, hydrogen sulphide and oxides of sulphur and phosphorus

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Eyes

Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

Skin

Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Experimental data on the finished product are not available.

No information available for used product.

It is considered to present a little danger for aquatic life.

Mobility

Air: There is a slow loss by evaporation.

Soil: Given its physical and chemical characteristics, the product generally shows little mobility the ground.

Water: The product is insoluble; it spreads on the surface of the water

12.2. Persistence and degradability

Not relevant

12.3. Bioaccumulative potential

Not relevant

12.4. Mobility in soil

Negligible

12.5. Results of PBT and vPvB assessment

Not relevant

12.6. Other adverse effects

No specific adverse effects known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste treatment methods

Waste from residues / unused products

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.

Packaging

Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles.

The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

Recycling and disposal of packaging should be carried out in compliance with local regulations.

14. TRANSPORT INFORMATION

	ADR ⁹ /RID ⁹	ADNR ⁹	IMDG ¹⁰	ICAO ¹¹ /IATA ¹²
TRANSPORTATION				
14.1. UN/ID No.	Not classified			
14.2. PROPER SHIPPING NAME				
SYMBOL	-	-	-	-
14.3. CLASS	Not classified			
14.4 PACKAGING GROUP	Not classified			
LABELLING NO	-	-	-	-
CLASSIFICATION CODE	-	-		
HAZARD NO (HIN NO)	No special environmental precautions required			
PASSENGER & CARGO AIRCRAFT MAXIMUM NET QUANTITY				
14.5 EmS				
14.6 MARINE Pollutant			-	

Road Transport Notes:

The product does not have international regulations on the transport of dangerous goods (IMDG, IATA, ADR / RID). A warning sign for transport is also not required.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

Product; Classified and labeled according to the procedures and principles stipulated in the "Regulation on the Classification, Labeling and Packaging of the Products and Mixtures" and "in the EU legislation"

Examine the following regulations for other national measures that may be relevant to legislation or interest for the implementation of the provisions of this safety data sheet.

Regulation on Safety Data Sheets for Hazardous Substances and Mixtures

Regulation on the Classification, Labeling and Packaging of Matter and Mixtures

Regulation on the Restriction and Prohibition of Hazardous Substances and Mixtures

Law on Occupational Health and Safety

Regulation on Health and Safety Precautions in Carcinogenic and Mutagenic Activities

Regulation on Health and Safety Precautions in Working with Chemical Substances

16. OTHER INFORMATION

16.1 Other information

This document has been prepared and documented in accordance with the provisions of Regulation (EC) No 1907/2006 (REACH) and ISO 11014-1, "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" dated December 13, 2014 and approved. Expert Accreditation No:Chemical Engineer Fulya KEÇELİOĞLU TÜV/11.09.01

16.2 Reason of re-issue

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16.3 Classification For Mixtures And Used Evaluation Method According To ;

December 13, 2014 and 29204 were regulated according to the regulation.

16.4 Explanations on the Methods of Classification of Hazardous Dissatisfaction (Which of the methods of assessing the information set out in Article 11 of the Regulation on Classification, Labeling and Packaging of Materials and Mixtures are used for classification purposes)

16.5 Other Topics:

- Contact our sales department for suggestions on safe use of the product.
 - Contact our sales department for recommended limitations on the use of the product and for non-legal recommendations.
 - It is advisable to obtain appropriate training for workers to read and use safety data sheets and labeling information in a clear way, in order to protect the human health and environment against product exposure and general safety culture.
 - Key information sources used in the arrangement of this safety data sheet;
 - Safety Information Form / Forms prepared by the manufacturer for the product
 - "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" and annexes,
 - "Regulation on the Classification, Labeling and Packing of Materials and Mixtures" and its annexes
 - "Regulation on Health and Safety Precautions for Carcinogenic and Mutagenic Activities" and its annexes,
 - Other relevant local regulations
 - UN ADR, IMDG, IATA lists, ECHA and related EU directives,
- Other helpful resources.

16.6 Additional Information:

- The information provided in this Safety Data Sheet was prepared based on our best available experience, knowledge and belief on the date of its preparation.
- The information provided is designed as a guide for safe handling, handling, handling, storage, disposal and disposal.
- This information applies only to the specified substance / mixture, unless otherwise specified in the documentation, and may not apply if this substance is used in combination with other substances or if any other procedure is used.
- Please observe the information on the Safety Data Sheet for use.

This information is based on our current knowledge.

This Safety Data Sheet defines the product according to the recognized safety regulations, but does not guarantee the safety of the product.

It does not constitute a guarantee and the product specifications do not establish a legally valid contractual relationship.

- ¹ RG: Official newspaper
- ² EINECS: Kimyasal maddelerin Avrupa Envanteri
- ³ CAS: Kimyasal maddelerin servis kayıt numarası
- ⁴ PBT: Persistent Bioaccumulative Toxic
- ⁵ VPVB: Very Persistent, Very Bioaccumulative
- ⁶ BCF: Bioconcentration Factor
- ⁷ ADR: Accord Dangereux Routier (European regulations concerning the international transport of dangerous goods by road)
- ⁸ RID: Regulations Concerning the International Transport of Dangerous Goods by Rail (European law)
- ⁹ ADN: Regulation for the Carriage of Dangerous Substances on the Rhine (EU)
- ¹⁰ IMDG: International Maritime Dangerous Goods (United Nations)
- ¹¹ ICAO: International Civil Aviation Organization